

# 4MP AI HYBRID COLOUR DOME CAMERA



## Alcon AI HYBRID COLOUR DOME CAMERA

The Alcon AL-5002-MPC-HD4CMDK-T Fixed Lens IP Camera with IR Illuminator provides high resolution images for round-the-clock surveillance over IP networks & color picture in dark conditions. It supports up to H.265+ compression formats and delivers excellent picture quality in 2688X1520 resolutions. IR-Cut filter and built-in IR illuminators support up to 30M IR distance. It supports Power-Over-Ethernet. It is an ideal solution for indoor surveillance applications such as School, College, Hospital, Training Center, Restaurant, Conference Hall etc.

## LATEST COMPRESSION H.265+ TECHNOLOGY

ALCON cameras and NVRS are coming with H.265+ can save approximate 80% bitrate than H.264 technology 100:20...80% less storage another new gen technology circuit making it extremely durable and best suitable for Industrial type installations.

## Key features

- 2688x1520@25fps
- In-built Mic
- H.265+/H.265/H.264
- Min illumination Color: 0.02Lux@F1.6
- Smart IR, IR Range: 30m
- Support tripwire and perimeter
- POE & IP66, 120dB WDR
- WARM LIGHT 15-20M



## TRIPWIRE AND PERIMETER

Tripwire and Perimeter is a video analytics function that provides smart detection of events captured by a security camera that supports Tripwire and perimeter. It is a more effective way of monitoring and guarding an area of interest than simple motion detection. Alcon all camera series inbuilt tripwire and perimeter advance function.

## IN-BUILT MIC

Alcon all camera series is coming with in-built Mic Features. Most CCTV cameras OEM products are coming without this features .where as this feature will give both Audio and video recording will be added advantages for the end user instead of only video recording.

## DIGITAL NOISE REDUCTION

Digital Noise Reduction (DNR) is a method by which the cameras imager digitally removes noise from the image. 3D DNR is an advancement of this technology which enables noise to be filtered even more effectively from the image, even in low light conditions.

## HIGH LIGHT CONTROL

Alcon HLC function is designed to allow camera view vehicle license plate. HLC stands for Hight-light compensation, this technology is designed to optimize the brightness of images through using digital signal processing.

## SMART DEFOG

Alcon's Smart Defog image correction algorithm, improves the whole images visibility and clarity even in very foggy weather.

## PRIVACY MASKING

Privacy masking is a feature found in many IP cameras which is used to protect personal privacy by concealing parts of the image from view with a masked area. Examples of this use would be masking windows of domestic properties.

## Application



Hospital



School/ College



Office



Apartment



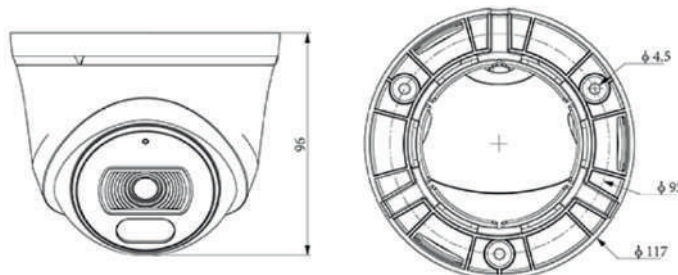
## SPECIFICATION

<b>Camera</b>	AL-5002-MPC-HD4CMDK-T
<b>Image Sensor</b>	1/2.8"CMOS
<b>Min. Illumination</b>	Color:0.02Lux@(F1.6,AGC ON),B/W:0Lux w ith IR
<b>Shutter Time</b>	1s~1/100000s
<b>Day&amp;Night</b>	IR-cut filter w ith auto sw itch (ICR)
<b>Smart IR</b>	Yes
<b>WDR</b>	120dB
<b>Angle Adjustment</b>	0~340°(P); 0~75°(T); 0~360°(R)
<b>Lens</b>	
<b>Lens Type</b>	Fixed focal lens
<b>Focal Length</b>	2.8mm
<b>Lens Mount</b>	M12
<b>Aperture Range</b>	F1.6
<b>Aperture Type</b>	Fixed
<b>Field of View</b>	100.1°(H); 54.3°(V); 113.9°(D)
<b>Illuminator</b>	
<b>IR LEDs</b>	2
<b>IR Distance</b>	Up to 30m
<b>Wavelength</b>	850nm
<b>White LEDs</b>	2
<b>Whitelight Distance</b>	15-20m
<b>Compression Standard</b>	
<b>Video Compression</b>	S+265/H.265/H.264B/H.264WH.264H
<b>Video Bit Rate</b>	32k~6Mbps
<b>Audio Compression</b>	G.711A/G.711U/ADPCM_D
<b>Audio Sampling Rate</b>	8kHz/32kHz/48kHz
<b>Image</b>	
<b>Max. Resolution</b>	4MP,2688×1520@25fps
<b>Main Stream</b>	PAL:25fps(2688×1520, 2560×1440, 2304×1296, 1920×1080, 1280×720) NTSC:24fps(2688×1520, 2560×1440), 30fps(2304×1296, 1920×1080, 1280×720)
<b>Sub Stream</b>	PAL:25fps(704×576, 704×288, 640×360, 352×288) NTSC:30fps(704×480, 704×240, 640×360, 352×240)
<b>BLC</b>	Yes
<b>HLC</b>	Yes
<b>AGC</b>	Yes
<b>3D DNR</b>	Yes
<b>White Balance</b>	Auto/Semi-Auto/Manual/Sunshine/Nature Light/Warmlight Lamp/Daylight Lamp/Filament Lamp/Lock White Balance
<b>ROI</b>	8 rectangular static areas
<b>OSD</b>	Overlay of additional characters in 1 regions, 1 line, with a maximum of 48 characters or 16 Chinese characters per region; 16*16/32*32/48*48/64*64
<b>Privacy Mask</b>	4 black static areas
<b>Defog</b>	Yes



Feature	
General Alarm	Motion Detection; Mask Alarm
Exceptions Alarm	IP Address Conflict
Linkage Method	Trigger Warmlight; Trigger Capture; Alarm Output
Video Analytics	Tripwire; Perimeter
Rules of Behavior Analyse In 1 Scene	2
Network	
Protocols	HTTP; HTTPS; TCP/IP; UDP; UPnP; ICMP; DHCP; DNS; DDNS; Easy DDNS; NTP; TLS v1.2; QoS; IPv4; SSH; Unicast; FTP
System Compatibility	P2P(Mutually exclusive with Profile G); ONVIF(Profile S/T) ; SDK; CGI; Milestone; RTSP
Remote Connection	≤2
Client	Alcon Smart Surveillance
Moblie Client	Alcon View
Web	IE10+; Firefox52+; Edge89+; Safari11+; Chrome57+
Interface	
Communication Interface	1*RJ-45 (10/100 Base-T)
Built-in Mic	Yes
General	
Web Client Language	English/Spanish/Korean/Italian/Turkish/Russian/Thai/French/Polish/Dutch/Hebrew /Arabic/Vietnamese/German/Ukrainian/Portuguese/Albanian
Operating Temperature	-30°C~60°C(-22°F~140°F)
Operating Humidity	≤95%RH
Storage Temperature	-30°C~60°C(-22°F~140°F)
Storage Humidity	10%~95%RH(non-condensing)
Power Supply	DC12V±25%,Max. 6.5W; PoE:IEEE 802.3af,Max. 7W
Protection	Surge4000V; ESD6000V
Boundary Dimensions	117(L)117(W)96(H)mm
Package Dimensions	140(L)140(W)120(H)mm
GrossWeight	0.35Kg
Certification	FCC, CE, BIS & RoHS

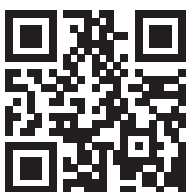
## DIMENSIONS



## ORDERING INFORMATION

AL-5002-MPC-HD4CMDK-T

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\*Product specifications and availability are subject to change without notice.

